Protein	PubMed	Biological Process	Shape (border col
KTIP	apoptotic process	apoptosis	parallelogram
YC	cell cycle progression; apoptosis; cellular transformation		
PP2R2B	apoptotic process		
RADD	induction of apoptosis by extracellular signals; signal transduction		
AP1LC3B	autophagy/microtubule assembly	autophagy	octagon
QSTM1	autophagy; apoptotic process; endosomal transport		
3C1D17	Rab GTPase activator activity		
LB	Albumin (ALB) functions as a carrier protein for steroids, fatty acids, and thyroid	d cell processes	circle (pink)
	hormones; plays a role in stabilizing extracellular fluid volume	'	α /
AM70B	Official symbol: TMEM255B. Membrane component		
PAG5	cytoplasmic trafficking; spindle organization; cilium formation		
K1	nucleotide metabolism		
LST		cell processes/ biognorgatic systems	oirolo (pink)
	glucose metabolism	cell processes/ bioenergetic systems	circle (pink)
SR1	estrogen receptor alpha/regulator of energy balance		
ANBP2	regulation of glucose transport		
AMA4	regulation of cell adhesion; regulation of cell migration	cell processes/cell-cell interaction/adhesion	circle (pink)
ITA3	zinc ion binding; regulation of cell proliferation	cell processes/proliferation	circle (pink)
RL15	small GTPase mediated signal transduction	cell processes/signaling	circle (pink)
PR183	G protein-coupled receptor; signaling		
RT14	Cell proliferation and differentiation	cytoskeleton	circle (green)
RAF3IP1	cytoskeletal system protein		
HOD1	actin binding; positive regulation of stress fiber assembly	cytoskeleton/actin	circle (green)
IAP1LC3A	microtubule-associated protein	cytoskeleton/tubulin	circle (green)
GFR3	JAK-STAT cascade	inflammation/ immune function	diamond
SHA1	immune response		-
GHG1	immune response		
APK10	JUN kinase activity; activation of MAPK activity		
FKB2	inflammation and immune function		
		inflammation/ubiquitination	diamond
ITA1	ubiquitination and acetylation; inflammatory response	inflammation/ubiquitination	diamond
RPM6	calcium channel activity	ion channel/voltage-gated channel	triangle (red)
RPM7	calcium channel activity		
/NK1	ATP binding; sodium and chloride ion transport regulator		
BS1	nonmotile primary cilium assembly	neuronal development	hexagon
BS4	alpha-tubulin binding; brain morphogenesis; cerebral cortex development		
BS7	Recruits Rab8(GTP) to the primary cilium promoting ciliogenesis		
AFAH1B3	brain development; nervous system development; lipid metabolic process		
XNRD1	Brain development; expressed in glia and neuron precursor cells		
PC	multisubunit E3 ubiquitin ligase controlling cell cycle transition in proliferating cells	neuronal development/plasticity	hexagon
AV1	cholesterol transport; neuronal cholesterol homeostasis	nounce acrosspenion approaches,	enage
CHN1	GTPase activator activity; regulation of axonogenesis		
SR2	estrogen receptor beta		
	g ,		
UBB2A	neuron differentiation; learning and memory processes	and the second of the second o	
ISC1	microtubule cytoskeleton organization; neuron migration	neuronal development/plasticity/cell migration	hexagon
GFR	cell proliferation; axon guidance; cerebral cortex cell migration; interaction of EGFR		
	and EMP-1 plays a role in the mechanism of drug resistance in epilepsy		
IIF1A	cell differentiation; neural crest cell migration		
RAC1	axon guidance; cell adhesion; cell motility		
GRB2	axon elongation; adaptor molecule in several growth factor signaling cascades;	; neuronal development/plasticity/dendritic growth	hexagon
	association with DISC1		•
IDAC2	dendrite development; negative regulation of neuron projection development		
NDC1	dendrite growth and morphogenesis		
1YH14	neuritogenesis		
BS2	- v	nouranal dayalanment/plasticity/binnegamnya	hovegen
	brain development; cerebral cortex development; hippocampus development	neuronal development/plasticity/hippocampus	hexagon
ZH2	methyltransferase/neurogenesis and memory		
TPRS	cell adhesion; developmental of cerebellum, cerebral cortex, corpus callosum,	,	
	hippocampus and spinal		
IDAC1	histone deacetylase activity; negative regulation of apoptosis	neuroprotection	rectangle (red)
GFBP3	regulation of apoptotic process		
(LF6	zinc ion binding; positive regulation of transcription		
ARK7	protects neurons against oxidative stress and cell death; regulation of neuron	1	
	apoptotic process; membrane depolarization		
SME1	proteasome activator		
RTN2	neuroprotection; Intracellular vesicular transport; glucose import		
ERPINB9	anti-apoptosis		
	• •		
BDD4	negative regulation of neuron apoptosis	Lovennio tronominaio	
RRB1	G-protein coupled receptor internalization; positive regulation of Rho protein signal	i synaptic transmission	vee
	transduction		
ALM1	calcium-binding; signal transduction		
HGB	large dense core vesicle component		
PE	peptide hormones/neurotransmitters biosynthesis		
	protein localization to synapse; axon guidance; nervous system development		
LG4	synaptic activation; control of dendritic branching		
	ubiquitin-protein ligase activity; zinc ion binding; synaptic transmission		
TF3C1	apiaaitii Fototeii iilase activity. Ziilo loti piilaliia, sytlapiio tialistiiissiati		
STF3C1 IDM2			
TF3C1 IDM2 ABAC1	proline-rich region binding; synaptic vesicle		
TF3C1 IDM2 ABAC1 IC8A	proline-rich region binding; synaptic vesicle G-protein alpha-subunit binding		
TF3C1 IDM2 ABAC1 IC8A YN2	proline-rich region binding; synaptic vesicle G-protein alpha-subunit binding regulation of epileptic and synaptic activity/plasticity on hippocampus		
TF3C1 IDM2 ABAC1 IC8A YN2	proline-rich region binding; synaptic vesicle G-protein alpha-subunit binding	synaptic transmission/GABA	vee
DLG4 GTF3C1 MDM2 ABAC1 AIC8A AYN2 GABARAP	proline-rich region binding; synaptic vesicle G-protein alpha-subunit binding regulation of epileptic and synaptic activity/plasticity on hippocampus GABA receptor binding; synaptic transmission	synaptic transmission/GABA	vee
TF3C1 IDM2 ABAC1 IC8A YN2 ABARAP AT1	proline-rich region binding; synaptic vesicle G-protein alpha-subunit binding regulation of epileptic and synaptic activity/plasticity on hippocampus GABA receptor binding; synaptic transmission glutamine transporter		
TF3C1 IDM2 ABAC1 IC8A YN2 ABARAP AT1	proline-rich region binding; synaptic vesicle G-protein alpha-subunit binding regulation of epileptic and synaptic activity/plasticity on hippocampus GABA receptor binding; synaptic transmission glutamine transporter GABA receptor binding; autophagy	synaptic transmission/GABA/autophagy	vee
TF3C1 DM2 ABAC1 IC8A YN2 ABARAP AT1	proline-rich region binding; synaptic vesicle G-protein alpha-subunit binding regulation of epileptic and synaptic activity/plasticity on hippocampus GABA receptor binding; synaptic transmission glutamine transporter GABA receptor binding; autophagy GABA receptor binding; autophagy; intra-Golgi vesicle-mediated transport; protein	synaptic transmission/GABA/autophagy	
TF3C1 DM2 ABAC1 IC8A YN2 ABARAP AT1 ABARAPL1 ABARAPL2	proline-rich region binding; synaptic vesicle G-protein alpha-subunit binding regulation of epileptic and synaptic activity/plasticity on hippocampus GABA receptor binding; synaptic transmission glutamine transporter GABA receptor binding; autophagy GABA receptor binding; autophagy; intra-Golgi vesicle-mediated transport; protein transport	synaptic transmission/GABA/autophagy	vee
TF3C1 DM2 ABAC1 IC8A YN2 ABARAP AT1 ABARAPL1	proline-rich region binding; synaptic vesicle G-protein alpha-subunit binding regulation of epileptic and synaptic activity/plasticity on hippocampus GABA receptor binding; synaptic transmission glutamine transporter GABA receptor binding; autophagy GABA receptor binding; autophagy; intra-Golgi vesicle-mediated transport; protein	synaptic transmission/GABA/autophagy transcriptional regulation	

EIF2C3 RNA binding; negative regulation of translation involved in gene silencing by miRNA rRNA processing EXOSC8 GFI1B zinc ion binding; negative regulation of histone H3-K4 methylation snoRNA binding; RNA splicing NHP2L1 PRPF38A RNA splicing mRNA processing RBM23 Official Symbol: RBM23. RNA binding protein; mRNA processing RNPC4 RPA2 transcription-coupled nucleotide-excision repair RPLP1 RNA metabolic process; translation SUPT5H negative regulation of transcription elongation TH1L negative regulation of transcription KDM1A histone demethylase activity (H3-K4 specific); chromatin modification transcriptional regulation/neurite morphogenesis circle (yellow) CHUK inhibitor of NF-kappa-B complex parallelogram (pink) ubiquination ARRB2 G-protein coupled receptor binding; ubiquitin protein ligase binding PPP1R16A protein phosphatase 1 PSMD11 protein polyubiquitination UBE2H ubiquitin-protein ligase activity

RING-finger/control of cell motility/ubiquitination

RNF5